

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	917	overhead with (vehicle carriage apparatus car) same wheel\$3 same (opening open\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 20:40
L2	8	1 and tachometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/08 20:38
S1	51	overhead adj3 traveling adj3 vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:13
S2	2	overhead adj3 traveling adj3 vehicle same test adj fixture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/16 18:13
S3	1	overhead adj3 traveling adj3 vehicle and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 22:52
S4	2	overhead near3 traveling near3 vehicle and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:39
S5	178	semiconductor and vehicle and tachometer and test\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:04

## EAST Search History

S6	66	semiconductor and vehicle and tachometer and test\$4 and rotatable and rail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:05
S7	64	semiconductor and vehicle and tachometer and test\$4 and rotatable and rail and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:05
S8	1097077	semiconductor and vehicle and tachometer and test\$4 and rotatable and rail and opticaland wheel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:05
S9	64	semiconductor and vehicle and tachometer and test\$4 and rotatable and rail and optical and wheel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:07
S10	62	semiconductor near4 manufactur\$4 and vehicle and tachometer and test\$4 and rotatable and rail and optical and wheel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:07
S11	1	overhead adj3 traveling adj3 vehicle and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:14
S12	0	("2005/0073318").URPN.	USPAT	OR	OFF	2005/12/08 23:32
S13	2	overhead near3 traveling near3 vehicle and tachometer and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:39
S14	2	overhead near3 traveling near3 vehicle and tachometer and rotat\$4 and wheel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:39

## EAST Search History

S15	1	S14 and rail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:40
S16	2	S14 and sens\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:53
S17	1470	semiconductor adj3 fabrication adj3 facilit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:54
S18	4	semiconductor adj3 fabrication adj3 facilit\$3 and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:56
S20	10	semiconductor adj3 fabrication adj3 facilit\$3 and test adj fixture and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:11
S21	1	semiconductor adj3 fabrication adj3 facilit\$3 and test adj fixture and rotat\$4 and rail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 23:58
S22	12	overhead with traveling .ti. and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:15
S23	4	overhead with traveling .ti. and semiconductor and rail and bearing\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:15

## EAST Search History

S24	1	overhead with traveling .ti. and semiconductor and rail and bearing\$2 and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:16
S25	2	overhead with traveling .ti. and semiconductor and rail and bearing\$2 and optic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:19
S26	22	"5803278" "2933198"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:28
S27	17	"5765703" "5803278" "6183184"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:29
S28	0	("5765703" "5803278" "6183184") and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:29
S29	13	("5765703" "5803278" "6183184") and overhead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:29
S30	9	("5765703" "5803278" "6183184") and overhead near4 travel\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:30
S31	2	("5765703" "5803278" "6183184") and overhead near4 travel\$4 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:30

## EAST Search History

S32	2	("5765703" "5803278" "6183184") and overhead near4 travel\$4 and optic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:51
S33	14	overhead near4 travel\$4 and optic\$3 and (c cuped curve\$3) adj2 shaped	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 17:07
S34	1	overhead near4 travel\$4 and optic\$3 and (c cuped curve\$3) adj2 shaped and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:33
S35	8	overhead near4 travel\$4 and optic\$3 and (c cuped curve\$3) adj2 shaped and rail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:33
S36	10	overhead near4 travel\$4 and optic\$3 and (c cuped curve\$3) adj2 shaped and rail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:35
S37	3	overhead near4 travel\$4 and optic\$3 and (c cuped curve\$3) adj2 shaped and rail\$3 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:35
S38	2	("6504144") and overhead near4 travel\$4 and optic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 14:51
S39	12	semiconductor adj3 fabrication adj3 facilit\$3 and test adj fixture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 17:07

## EAST Search History

S40	30	semiconductor adj3 fabrication and overhead near4 travel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:38
S41	2	semiconductor adj3 fabrication and overhead near4 travel\$3 and optic\$4 and (bearing\$2 wheel\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/09 17:08
S42	2	semiconductor adj3 fabrication and overhead near4 travel\$3 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 14:28
S43	1	semiconductor adj3 fabrication and overhead near4 travel\$3 and bearing same rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 13:39
S44	0	semiconductor adj3 fabrication and overhead near4 travel\$3 and bearing and ("5803278" "2933198" "4132318" "4386693" "4781517" "4245548" "3665148" "5087169" "5445045" "5366203" "6345799" "6712230")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 14:29
S45	0	semiconductor adj3 fabrication and overhead near4 travel\$3 and ("5803278" "2933198" "4132318" "4386693" "4781517" "4245548" "3665148" "5087169" "5445045" "5366203" "6345799" "6712230")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 14:31
S46	6	overhead near4 travel\$3 and ("5803278" "2933198" "4132318" "4386693" "4781517" "4245548" "3665148" "5087169" "5445045" "5366203" "6345799" "6712230")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 14:32
S47	1	overhead near4 travel\$3 and ("5803278" "2933198" "4132318" "4386693" "4781517" "4245548" "3665148" "5087169" "5445045" "5366203" "6345799" "6712230") and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 14:32

## EAST Search History

S48	2	overhead near4 travel\$3 and ("5803278" "2933198" "4132318" "4386693" "4781517" "4245548" "3665148" "5087169" "5445045" "5366203" "6345799" "6712230") and bearing\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 14:32
S49	2	"6504144".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 10:35
S50	2	"6113341".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 11:06
S51	6	"414"/\$.ccls. and otv	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 11:07
S52	168	"414"/\$.ccls. and international adj business adj machines	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:08
S53	11	S52 and (over\$2head overhead)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:08
S54	0	("2005/0079041").URPN.	USPAT	OR	OFF	2006/08/16 11:13
S55	22	"4883184"	USPAT	OR	OFF	2006/08/16 11:13
S56	26	"4883184"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:43
S57	3	"6113341"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:44

## EAST Search History

S58	7	"6504144"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:44
S59	11	("4147930"   "4281342"   "5136155"   "5323513"   "6080046"   "6092678"   "6182843").PN. OR ("6504144").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 11:48
S60	8	("4147930"   "4281342"   "5136155"   "5323513"   "6080046"   "6092678"   "6182843").PN. OR ("6504144").URPN. and rotat\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 11:48
S61	7	("4147930"   "4281342"   "5136155"   "5323513"   "6080046"   "6092678"   "6182843").PN. OR ("6504144").URPN. and rotat\$5 same bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 11:48
S62	15	("4147930"   "4281342"   "5136155"   "5323513"   "6080046"   "6092678"   "6182843").PN. OR ("6504144").URPN. and rotat\$5 same bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:50
S63	1	((("4147930"   "4281342"   "5136155"   "5323513"   "6080046"   "6092678"   "6182843").PN. OR ("6504144").URPN. ) and rotat\$5 same bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 11:50
S64	101910	rail with (wheel bearing\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:23
S65	1839	S64 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:24
S66	264	S65 and overhead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:24



## EAST Search History

S67	246	S66 and (measur\$4 sens\$4 detect\$4 test\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:36
S68	116	S67 and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:25
S69	29	"414"/\$.ccls. and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:35
S70	414	104/89,91,93.ccls. and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:36
S71	29	S69 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:36
S72	785	vehicle same wheel same inspection same (bearing roller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:44
S73	3	vehicle same wheel same inspection same (bearing roller) and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:35
S74	196	vehicle same wheel same inspection same (bearing roller) and (sens\$4 measur\$4 detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:45

## EAST Search History

S75	119	vehicle same wheel same inspection same (bearing roller) same (sens\$4 measur\$4 detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 14:17
S76	3	vehicle same wheel same inspection same (bearing roller) same (sens\$4 measur\$4 detect\$4)and c adj1 shape\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 14:18
S77	13	(measur\$4 sens\$5 detect\$4) with vehicle with wheel same c adj shape\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/29 10:41
S78	2	overhead adj3 traveling adj3 vehicle same test adj fixture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/16 18:13
S79	300	overhead adj3 traveling .ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/16 18:13
S80	300	overhead adj3 traveling .ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:14
S81	1	S80 and c adj shaped	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:14
S82	0	("2005/0073318").URPN.	USPAT	OR	OFF	2007/02/16 18:14

## EAST Search History

S83	87	overhead adj3 traveling with (vehicle apparatus carriage) .ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:15
S84	306	overhead adj3 traveling with (vehicle apparatus carriage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 23:13
S85	10	S83 and (bearing wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:15
S86	2	S85 and stationary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 18:15
S87	1534	overhead with (travel\$4 transport\$4). ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 15:50
S88	64	S87 and semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 15:53
S89	21	S88 and (rotat\$4 bear\$3 wheel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 17:02

## EAST Search History

S90	9	S89 and stop\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 23:09
S91	4	"5803278"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 23:10
S92	18	"2933198"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 23:11
S93	23	overhead adj3 traveling with (vehicle apparatus carriage) and (bear\$4 wheel\$3 rotat\$4) with stationary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 23:22
S94	4	overhead adj3 traveling with (vehicle apparatus carriage) same (bear\$4 wheel\$3 rotat\$4) with stationary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 23:14
S95	17	"5765703" "5803278" "6183184"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 23:34
S96	2	"20050192727"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 23:34

## EAST Search History

S97	61	"6738697"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 23:35
S98	2	"6738697".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 14:08
S99	10457	emission near4 (vehicle car truck )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 14:09
S10 0	28	emission near4 (vehicle car truck ) same overhead	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 14:12
S10 1	250	overhead with travel\$4 with (vehicle apparatus carriage).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 14:13
S10 2	2	S101 and (stationary still ) with (wheels bearings rollers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 14:14
S10 3	32	"5941678" "4883184"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/06 21:34

## EAST Search History

S10 4	17	"5765703" or "5803278" or "6183184"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/06 21:39
S10 5	506	overhead adj travel\$4 with (vehicle cart car apparatus carriage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/06 21:44
S10 6	218	S105 and rotat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/06 21:45
S10 7	5342382	S105 and rotat\$4 near\$4 (bear\$4 wheel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 21:47
S10 8	91	S105 and rotat\$4 with (bear\$4 wheel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 21:50
S10 9	1	10/669849	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 21:50
S11 0	1	10/669849 and bearing\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/06 21:50